

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) ~~Computer peripheral~~ A system comprising:
 a computer;
 means for selecting a mode of operation of a computer peripheral; and
 a computer peripheral, the computer peripheral comprising:
 at least one element supported for motion;
 an electromechanical mechanism for moving the movable element along a desired trajectory; and
 ~~means for selecting a desired trajectory; and~~
 circuitry for providing a shaped input to the electromechanical mechanism to move the movable element along the desired trajectory,
 wherein the desired trajectory is determined using Input Shaping®.
2. (Currently Amended) The ~~peripheral~~ system of claim 1 in which the desired trajectory results in maximum speed.
3. (Currently Amended) The ~~peripheral~~ system of claim 1 wherein the desired trajectory results in quiet operation.
4. (Currently Amended) The ~~peripheral~~ system of claim 1 wherein the desired trajectory results in vibration-reduced operation.
5. (Currently Amended) The ~~peripheral~~ system of claim 1 wherein the desired trajectory reduces unwanted frequencies.
6. (Currently Amended) The ~~peripheral~~ system of claim 1 further including a sensor responsive to the dynamic response of the peripheral.
7. (Currently Amended) The ~~peripheral~~ system of claim 6 wherein the sensor is an accelerometer.

8. (Currently Amended) The ~~peripheral~~ system of claim 6 wherein the sensor is a microphone.
9. (Currently Amended) The ~~peripheral~~ system of claim 6 wherein an output from the sensor is used by the circuitry to provide the shaped input.
10. (Currently Amended) The ~~peripheral~~ system of claim 1 wherein the peripheral is a printer.
11. (Currently Amended) The ~~peripheral~~ system of claim 1 wherein the peripheral is a scanner.
12. (Currently Amended) ~~Computer peripheral comprising:~~
 ~~at least one element supported for motion;~~
 ~~an electromechanical mechanism for moving the moveable element;~~
 ~~circuitry for providing a shaped input to the electromechanical mechanism to move the~~
 ~~moveable element along a trajectory; and~~
 ~~a user interface allowing the user to select a desired trajectory~~
 The system of claim 1 wherein the means for selecting comprises a user interface.
13. (Currently Amended) The ~~computer peripheral~~ system of claim 1 wherein the trajectory is quick, quiet, or in between.
14. (Currently Amended) The ~~peripheral~~ system of claim 1 wherein the trajectory suppresses unwanted frequencies.
15. (Cancelled)
16. (Cancelled)
17. (Currently Amended) The ~~peripheral~~ system of claim 12 wherein the peripheral is a printer.
18. (Currently Amended) The ~~peripheral~~ system of claim 12 wherein the peripheral is a

scanner.

19. (Currently Amended) The ~~peripheral~~ system of claim **17** wherein the moveable element is a print head.

20. (Currently Amended) The ~~peripheral~~ system of claim **17** wherein the moveable element is a paper feeding mechanism.

21. (Newly Added) The system of claim **1** further including a user control for tuning the computer peripheral to its environment.